

Creating the perfect hybrid solution



4CH H.264 Network Video Encoder

SPE-400



The SPE-400 is an ONVIF compliant 4-channel video encoder providing a cost effective and easy to implement method of adding analogue cameras to an IP network based security system. This offers the perfect hybrid solution for users looking to upgrade their control, management and recording equipment to an IP platform, but take advantage of existing analogue camera technology and cabling infrastructure. The SPE-400 enables images to be transmitted in real-time at 4CIF resolution and includes a multi-streaming feature giving the user a host of viewing and recording options.

- Max. 30(25)fps per channel at 4CIF resolution
- H.264 / MPEG-4 / MJPEG multiple codec
- Multiple streaming simultaneously
- SD memory, bi-directional audio support (CH1 only)
- ONVIF standard protocol support

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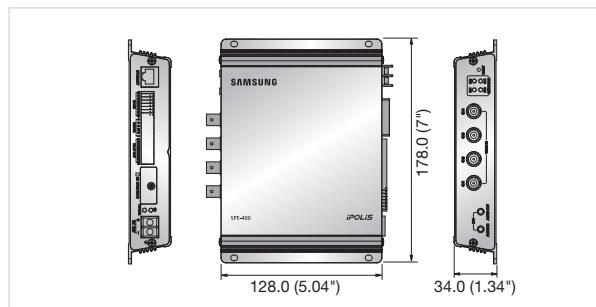
Specifications



	SPE-400N	SPE-400P
OPERATIONAL		
Video In	4 CVBS : 1.0 Vp-p / 75Ω composite, NTSC/PAL Auto Detection	
De-interlacing Filter	Built-in	
Event Trigger	Motion Detection, Alarm Input, Video Loss, Tampering	
Alarm I/O	Input 4ea / Output 4ea (Relay)	
Remote Control Interface	4ea RS-485 (Half Duplex)	
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Panasonic, Honeywell, AD, Vicon, GE, Bosch, Sungjin	
NETWORK		
Ethernet	RJ-45 (10/100/1000BASE-T)	
Video Compression Format	H.264, MPEG-4, MJPEG	
Resolution	704 x 480, 640 x 480, 352 x 240, 320 x 240	704 x 576, 640 x 480, 352 x 288, 320 x 240
Max. Framerate	30fps per channel	25fps per channel
Video Quality Adjustment	H.264 / MPEG-4 : Compression Level, Target Bitrate Level Control, MJPEG : Quality Level Control	
Bitrate Control Method	H.264 / MPEG-4 : CBR or VBR, MJPEG : VBR	
Streaming Capability	Multiple Streaming (Up to 10 profiles)	
Audio I/O	1ea Line in / 1ea Line out (CH1 only)	
Audio Compression Format	G.711 u-law	
Audio Communication	Bi-directional audio	
IP	IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP	
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
Memory Slot	SD/SDHC memory slot (CH1 only)	
ONVIF Conformance	Yes	
Web Viewer	Supported OS : Window XP / VISTA / 7, Mac OS X (10.7 or higher) Supported Browser : Internet Explorer (7.0 or higher), FireFox (9.0 or higher), Chrome (15.0 or higher), Safari (5.1 or higher)	
Central Management Software	SmartViewer 4.0, NET-i viewer	
ENVIRONMENTAL		
Operating Temperature / Humidity	0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 80% RH	
ELECTRICAL		
Input Voltage	12V DC	
Power Consumption	Max. 15W	
MECHANICAL		
Color / Material	Silver / Metal	
Dimension (WxHxD)	128.0 x 34.0 x 178.0mm (5.04" x 1.34" x 7")	
Weight	562g (1.29 lb)	

Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.

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SAMSUNG TECHWIN CO., LTD. 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com

SAMSUNG TECHWIN AMERICA INC.
100 Challenger Rd, Suite 700 Ridgely Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124

SAMSUNG TECHWIN EUROPE LTD.
2st floor No5, The Height, Brookland, Weybridge, Surrey, U.K.
KT13 0NY
Tel : +44-1932-82-6700 Fax : +44 1932 82 6701

SHANGHAI SAMSUNG TECHWIN CO., LTD.
32F, Bk B, International Business Center,
No. 391 Guiping Rd., Shanghai, China, 200233
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



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